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June 18, 2004, 17:28:56 ; Search time 44 Seconds (without alignments) 731.449 Million cell updates/sec
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1 MDSIGNNFSNIGNLQTMGIG......QGGAGMGGGGGSVNSSLGGNA 114
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 2000000000
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Sequence 7, Appli	Sequence 13, Appl	Sequence 2, Appli	Sequence 13, Appl	Sequence 37, Appl	Sequence 27, Appl	Sequence 11, Appl	Sequence 11, Appl	Sequence 15, Appl	Sequence 7, Appli	Sequence 7, Appli	Sequence 7, Appli	Sequence 11, Appl	Sequence 27, Appl	Sequence 15, Appl
ΙD	US-09-810-997-7	US-09-880-371-13	US-09-829-124-2	US-10-010-390-13	US-10-174-209-37	US-09-086-118-27	US-09-835-684-11	US-09-880-371-11	US-09-879-248-15	US-09-770-693-7	US-09-766-348-7	US-10-034-158-7	US-10-010-390-11	US-10-387-806-27	US-10-441-736-15
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* Query Match Length DB	114	114	114	114	114	344	344	344	344	344	344	344	344	344	344
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ALIGNMENTS

Sequence 7, Application US/09810997

Fatent No. US2020007501A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Song, Xiaoling
APPLICANT: Fan, Hao
APPLICANT: Wei, Zhong-Min
TITLE OF INVENTION: USES THEREOF
FILE REFERENCE: 21829/62
CURRENT APPLICATION NUMBER: 00/9810,997
CURRENT APPLICATION NUMBER: 60/191,649
FRIOR FILING DATE: 2000-03-23
FRIOR APPLICATION NUMBER: 60/191,649
FRIOR FILING DATE: 2000-03-23
FRIOR PRILING DATE: 2000-03-20
SPRIOR FILING DATE: 2000-12-01
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PATENTIN Ver. 2.1 ó Length 114; ORGANISM: Xanthomonas campestris pv. pelargonii LENGTH: 114 US-09-810-997-7 ; ORGANISM: X US-09-810-997-7 SEQ ID NO 7 TYPE: PRT Query Match

Gaps ö Indels ò 100.0%; Score 584; DB 9; 100.0%; Pred. No. 1.5e-53; iive 0; Mismatches 0; Best Local Similarity 100. Matches 114; Conservative 1 MDSIGNNFSNIGNLOTWGIGPOOHEDSSQOSPSAGSEQQLDQLLAMFIMMMLQQSQGSDA

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US-10-1/9-209-3)
Sequence 37, Application US/10174209
Sequence 37, Application WS/10174209
Publication No. US20030177526A1
GENERAL INFORMATION:
APPLICANT: Song, Xiaoling
APPLICANT: Linderoth, No. US20030177526A1a A.
TITLE OF INVENTION: USES THEREOF
TITLE OF THEREOF
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                                                                                                                                                                                                                                                           APPLICANT: Leon, Ernesto
APPLICANT: Leon, Ernesto
APPLICANT: Oviedo, Agustin
TITLE OF INVENTION: METHODS OF INHIBITING DESICCATION OF CUTTINGS REMOVED
TITLE OF INVENTION: METHODS OF INHIBITING DESICCATION OF CUTTINGS REMOVED
FILE REFERENCE: 21829/111
CURRENT PEPLICATION NUMBER: US/10/010,390
CURRENT FILING DATE: 2001-11-05
PRIOR APPLICATION NUMBER: 60/248,169
PRIOR PILING DATE: 2000-11-13
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 13
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100.0%; Pred. No. 1.5e-53;
iive 0; Mismatches 0;
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Best Local Similarity 100.0%; Pred. No. 1.5e-53;
Matches 114; Conservative 0; Mismatches 0;
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US-10-174-209-37
                                                                                                         Sequence 13, Application US/10010390 Publication No. US20030104979A1 GENERAL INFORMATION:
APPLICANT: Wel, Zhong-Min
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
CRGANISM: Xanthomonas campestris
US-10-010-390-13
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Best Local Similarity 100.0
Matches 114; Conservative
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US-09-480-371-13

Sequence 13, Application US/09880371

Patent No. US20020059658A1

GENERAL INFORMATION:
APPLICANT: Wei, Zhong-Min
FILIA OF INVENTION: PLANTS
FILE OF INVENTION: PLANTS
FILE OF INVENTION NUMBER: US/09/880,371
CURRENT APPLICATION NUMBER: 60/211,585
FRIOR PAPLICATION NUMBER: 60/211,585
FRIOR PILING DATE: 2000-06-15
NUMBER OF SEQ ID NOS: 16
SEQ ID NO 13
LENGTH: 114
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patent No. US20020666122A1

GENERAL INFORMATION:

APPLICANT: Weal, Zhong-Min

APPLICANT: Swansor, Shane S.

APPLICANT: Fan, Hao

TITLE OF INVENTION: CAMPESTRIS

FILE REFERENCE: 21829/124

CURRENT PILING DATE: 2001-04-09

PRIOR PILING DATE: 2001-04-09

PRIOR PILING DATE: 1999-10-04

PRIOR PILING DATE: 1999-10-04

PRIOR PILING DATE: 1999-10-04

PRIOR PILING DATE: 1998-10-05

NUMBER OF SEQ ID NOS: 6

SOFTWARE: PARCHIN VINCER: 1000-100-05

SOFTWARE: PARCHIN VINCER: PARCHIN VET: 2.1
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Best Local Similarity 100.0%; Pred. No. 1.5e-53; Matches 114; Conservative 0; Mismatches 0; Indels (
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100.0%; Pred. No. 1.5e-53;
cive 0; Mismatches 0;
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ORGANISM: Xanthomonas campestris
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Best Local Similarity 100.
Matches 114; Conservative
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Length 114;

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Local Similarity
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Best Local Similarity
GENERAL INFORMATION:
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                                                                                                             Sequence 27, Application US/09086118
Fatent No. US20010011380A1
GENERAL INPORMATION:
APPLICANT: Beer, Steven V.
APPLICANT: Wei, Zhong-Min
TITLE OF INVENTION: RYAPERENSITIVE RESPONSE ELICITOR
TITLE OF INVENTION: THEREOF
TITLE OF INVENTION: THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SIGNNFSNIGNLOTM-----GIGPQQHEDSSQQSPSAGSE------QQLDQ 42
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  44; Gaps
61 NQEGGNEQPQNGQQEGLSPLTQMLMQ1VMQLMQNQGGAGMGGGGSVNSSLGGNA 114
                61 NQECGNEQPONGQQEGLSPLTQMIMQIVMQLAMQNQGGAGMGGGGSVNSSLGGNA 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; Score 111; DB 9; Length 344; ; Pred. No. 0.0021; 17; Mismatches 54; Indels
                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMCHUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
APPLICATION DWARE: US/09/086,118
                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
STREET: Clinton Square, P.O. Box 1051
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               178 AGAGGAGGGVGGAGGADGGSGAGGAAGAANGADGGN 212
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
CLASSIFICATION:
RIOR APPLICATION NUMBER: US 60/048,109
FILING DATE: 30-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Goldman, Michael L.
RECISTRATION NUMBER: 30,727
REFERENCE/DOCKET NUMBER: 19603/1301
TELECOMMUNICATION INFORMATION:
TELEPHONE: (716) 263-1304
TELEPHONE: (716) 263-1304
TELEPHONE: (716) 263-1304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   19.0%;
25.8%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 25.8%
Matches 40; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                            CITY: Rochester
STATE: New York
COUNTRY: U.S.A.
ZIP: 14603
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US-09-835-684-11
                                                                                   RESULT 6
US-09-086-118-27
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; Sequence 11, Application US/09835684; Patent No. US20020019337A1

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118 LLBDLVKILKAALHMQOPGGNDKGNGVGGANGAKGAGGGGGLAEALQBIBQILAQLGGGG 177
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APPLICANT: Wei, Zhong-Min
APPLICANT: Wei, Zhong-Min
APPLICANT: Qiu, Dewen
APPLICANT: Remick, Dean
APPLICANT: Remick, Dean
TITLE OF INVENTION: TREATMENT OF FRUITS OR VEGETABLES WITH HYPERSENSITIVE
TITLE OF INVENTION: RESPONSE ELICITOR TO CONTROL POSTHARVEST DISEASE OR
TITLE OF INVENTION: DESICCATION
FILE REFERENCE: 21829/71
CURRENT APPLICATION NUMBER: US/09/835,684
CURRENT PILING DATE: 2001-04-16
PRIOR APPLICATION NUMBER: 60/198,359
PRIOR PLIING DATE: 2000-04-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Wei, Zhong-Min
APPLICANT: Wei, Zhong-Min
APPLICANT: Berocher, Jay
TITLE OF INVENTION: METHODS OF INPROVING THE BFFECTIVENESS OF TRANSGENIC
TITLE OF INVENTION: PLANTS
FILE REFERENCE: 21829/91
CURRENT APPLICATION NUMBER: US/09/880,371
CURRENT FILING DATE: 2001-06-13
PRIOR PLING DATE: 2001-06-15
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PATENTIN Ver. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       19.0%; Score 111; DB 9; Length 344; 25.8%; Pred. No. 0.0021;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         54; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                54; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         178 AGAGGAGGGVGGAGGADGGSGAGGAAGGAAGAADGGN 212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         17; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                17; Mismatches
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ORGANISM: Pseudomonas solanacearum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Pseudomonas solanacearum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 11, Application US/09880371
Patent No. US20020059658A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 11
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; Sequence 7. Application US/09770693
; Patent No. US20020069434A1
; GENERAL INFORMATION:
APPLICANT: Beer, Steven V.
; APPLICANT: Beer, David W.
; TITLE OF INVENTION: PATHGGEN-INDUCED EXPRESSION OF A HETEROLOGOUS
; TITLE OF INVENTION: PATHGGEN-INDUCED EXPRESSION OF A HETEROLOGOUS
; TITLE OF INVENTION: PATHGGEN-INDUCED EXPRESSION OF A HETEROLOGOUS
; TITLE OF INVENTION: PATHGGEN-INDUCED EXPRESSION OF A HETEROLOGOUS
; FILE REFRENCE: 19603/2501
; CURRENT FILING DATE: 2001-01-26
; PRIOR APPLICATION NUMBER: 60/178,565
; PRIOR PILING DATE: 2000-01-26
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PATENTIN VENEZATION VENEZE: 60/178,565
; RIBENTH: 344

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                                                                                                                                                                     RESULT 9
US-09-879-248-15
i Sequence 15, Application US/09879248
patent No. US20020062500A1
GENERAL INFORMATION:
APPLICANT: Fan, Hao
APPLICANT: Red, Zhong-Min
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITING DOMAINS AND USE
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITING DOMAINS AND USE
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITING DOMAINS AND USE
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITING DOMAINS AND USE
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITING DOMAINS AND USE
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITING DOMAINS AND USE
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITING DOMAINS AND USE
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITING DOMAINS AND USE
STOLES TO SEQ IN NUMBER: 05/212,211
SEQ ID NO 15
LENGTH: 344
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19.0%; Score 111; DB 9; Length 344;
Best Local Similarity 25.8%; Pred. No. 0.0021;
Matches 40; Conservative 17; Mismatches 54; Indels 44; Gaps
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; ORGANISM: Pseudomonas solanacearum
US-09-770-693-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT CRCANISM: Pseudomonas solanacearum US-09-879-248-15
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Matches 40; Conserva
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US-09-770-693-7
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GENERAL INFORMATION:
APPLICANT: Qiu, Dewen
APPLICANT: Qiu, Dewen
APPLICANT: Wei, Zhong-Min
APPLICANT: Wei, Zhong-Min
APPLICANT: Wei, Zhong-Min
APPLICANT: Wei, Zhong-Min
APPLICANT: Beer, Steven V.
TITLE OF INVENTION: SEED TREATMENT
TITLE OF INVENTION: SEED TREATMENT
FILE REFERENCE: 19603/2986
CURRENT APPLICATION NUMBER: US/09/766,348
CURRENT APPLICATION NUMBER: 08/984,207
PRICR FILING DATE: 1997-12-03
PRICR FILING DATE: 1996-12-05
NUMBER OF SEQ ID NOS: 10
SEQ ID NOS: 10
SEQ ID NO 7
LENGTH: 344
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43 LLAMFIMMA-----LQQSQGSDANQECG--NEQPQNGQQEGLSPLTQMLMQIVMQLMQN- 94
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GENERAL INFORMATION:

GENERAL INFORMATION:

GENERAL INFORMATION:

TITLE OF INVESTION:

FILE REFERENCE: 21829/230

CURRENT PELICATION NUMBER: 08/10/034,158

FILE REPERENCE: 2011-12-20

FRICH PELICATION NUMBER: 09/597,840

FRICH PELICATION NUMBER: 09/303,048

FRICH PELICATION NUMBER: 09/36,048

FRICH PELICATION NUMBER: 60/036,048

FRICH PELICATION NUMBER: 60/036,048

FRICH PELICATION NUMBER: 210

SOFTWARE PELICATION NUMBER: 210

SOFTWARE PELICATION NUMBER: 344

LENGTH 344
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19.0%; Score 111; DB 9; Length 344;
Best Local Similarity 25.8%; Pred. No. 0.0021;
Matches 40; Conservative 17; Mismatches 54; Indels
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                                                                                                        --- QGGAGMGGGGSVNSSLGGN 113
                                                                                                                                      TYPE: PRT ORGANISM: Pseudomonas solanacearum
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                                                                                                                                                                                                                                         RESULT 11
US-09-766-348-7
: Sequence 7, Application US/09766348
; Patent No. US20020116733A1
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                                                                                                                                                    APPLICANT: LABY, ROD J.
APPLICANT: LABY, ROD J.
APPLICANT: BAPPLICANT: BEEY, Steven V.
APPLICANT: BEEY, Steven V.
APPLICANT: BEEY, STEVEN V.
APPLICANT: BEEY STEVEN V.
APPLICANT: BEEY STEVEN V.
APPLICANT: BEEY STEVEN V.
APPRICANTIVE RESPONSE BLICITOR FRACMENTS BLICITING A TITLE OF INVENTION: HYPERSENSITIVE RESPONSE AND USES THERBOF
                                                                                                                           -- QQLDQ 42
                                                                                                                                                                                                              43 ILAMFIMM.----LQQSQGSDANQECG--NEQPQNGQQEGLSPLTQMLMQIVMQLMQN- 94
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APPLICANT: Coviedo, Agustin
TITLE OF INVENTION: FROM ORNAMENTAL PLANTS
FILE REPERSENCE: 21829/111
CURRENT APPLICATION NUMBER: US/10/010,390
PRIOR PILING DATE: 2001-11-05
PRIOR PILING DATE: 2001-11-13
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PLENGTH: Ver. 2.1
LENGTH: 344
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19.0%; Score 111; DB 14; Length 344;
Best Local Similarity 25.8%; Pred. No. 0.0021;
Matches 40; Conservative 17; Mismatches 54; Indels 44; Gaps
                                                                                     Gaps
                                                                                     44;
                                      Query Match
19.0%; Score 111; DB 14; Length 344;
Best Local Similarity 25.8%; Pred. No. 0.0021;
Matches 40; Conservative 17; Mismatches 54; Indels 4
                                                                                                                           3 SIGNNFSNIGNLQTM-----GIGPQQHEDSSQQSPSAGSE-
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CURRENT PEPLICATION WINBER: US/10/387,806
CURRENT FILING DATE: 2003-03-12
PRIOR APPLICATION NUMBER: 60/046,109
                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 11, Application US/10010390
Publication No. US20030104979A1
GENERAL INFORMATION:
APPLICANT: Wei, Zhong-Min
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Publication No. US20030182683A1
GENERAL INFORMATION:
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US-10-387-806-27
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US-10-010-390-11
US-10-034-158-7
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118 ILBDLVKLLKAALHMQQPGGNDKGNGVGGANGAKGAGGGGGLARALQBIEQILAQLGGGG 177
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US-10-441-736-15
Sequence 15, Application US/10441736
FUBLICATION US US20040016029A1
FUBLICATION US US20040016029A1
FUBLICANT: Wei, Zhong-Min
FAPLICANT: Wei, Zhong-Min
FAPLICANT: Wei, Zhong-Min
FILE OF INVENTION: RESISTANCE
FILE REPERRENCE: 21829/203 (BRC-003)
CURRENT FILING DATE: 2003-05-20
FRIOR PAPLICATION NUMBER: 60/107,243
FRIOR PAPLICATION NUMBER: 60/107,243
FRIOR PAPLICATION NUMBER: 60/107,243
FRIOR PAPLICATION NUMBER: 09/431,614
FRIOR PLING DATE: 1998-11-02
NUMBER OF SEQ ID NOS: 189
SOPTWARE PATENTIN VET: 2.1
SEQ ID NO 15
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                                                                                                                                                                                                                                                              19.0%; Score 111; DB 14; Length 344; 25.8%; Pred. No. 0.0021; tive 17; Mismatches 54; Indels 44
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PRIOR FILING DATE: 1997-05-30
PRIOR APPLICATION UNDER: 09/086,118
PRIOR FILING DATE: 1996-05-28
NUMBER OF SEQ ID NOS: 30
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 27
LENGTH: 344
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                                                                                                                                                                                             ) ORGANISM: Pseudomonas solanacearum
US-10-387-806-27
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Best Local Similarity 25.8%
Matches 40; Conservative
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Best Local Similarity 25.8%
Matches 40; Conservative
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us-09-829-124-1.rnpb

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June 23, 2004, 11:38:02; Search time 294 Seconds (without alignments) 5329.022 Million cell updates/sec
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342
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1: /cgn2 6/ptodata/1/pubpna/USO7_PUBCOMB.seq:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 2000000000
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Description	Sequence 8, Appli	Seguence 14, Appl	Sequence 15, Appl	Sequence 1, Appli	Sequence 14, Appl	Sequence 38, Appl	Seguence 6, Appli	Sequence 31605, A	Seguence 40458, A	Sequence 35590, A	Sequence 4340, Ap	Sequence 6, Appli	Sequence 65, Appl	Sequence 6, Appli
COLPANIES	ID	US-09-810-997-8	US-09-880-371-14	US-09-880-371-15	US-09-829-124-1	US-10-010-390-14	US-10-174-209-38	US-09-829-124-6	US-10-369-493-31605	US-10-369-493-40458	US-10-425-114-35590	US-10-260-238-4340	US-09-866-034-6	US-10-211-858-65	US-10-033-246-6
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	% Query Match Length DB	342	342	342	342	342	342	408	816	1053	2109	1206	3121	3121	3121
	% Query Match	100.0	100.0	100.0	100.0	100.0	100.0	100.0	12.6	11.8	31.6	11.4	11.1	11.1	11.1
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Segment A sport	(sednence o'	Sequence 6,	ģ	Seguence 6,	Sequence 6,	Seguence 6,	Seguence 6,		Seguence 6, 1	Sequence 65,	Seguence 65,	Seguence 6,	3 Sequence 313	Sequence 28,	Sequence			Sequence 8, Appli		Seguence	2 Sequence	8 Sequence	6 Seguence 16,	80 Seguence	1027 Sequence 1027, Ap	Sequence 1027	0 Sequence	9 Sequence	497 Sequence	
3-106-550-01-8TT 11	0 400 000 00 00 00 FT	US-10-033-326	14 US-10-033-245-6	14 US-10-033-223-6	14 US-10-033-167-6	10-033-	US-10-033-435	15 US-10-032-990-6	•	-SD	us-		16 US-10-439-249-6	17 US-10-287-226-31	9 US-09-086-118-28	9 US-09-835-684-12	9 US-09-880-371-12	9 US-09-879-248-16	9 US-09-770-693-8	9 US-09-766-348-8	15 US-10-034-158-8		15 US-10-387-806-2	-SD	16 US-10-260-238-11	15 US-10-144-678A-102	15 US-10-294-025-1027	US-10-425-114	US-10-342-844	10 US-09-764-891-1	13 US-10-424-599-108603
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ALIGNMENTS

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09-810-997-8 equence 8, Application US/09810997 atent No. US20020007501A1 swereal information: MAPPLICANT: Song, Xiaoling APPLICANT: Fan, Hao APPLICANT: Fan, Hao APPLICANT: Pan, Hao APPLICANT: Wei, Zhong-Min TITLE OF INVENTION: RECEPTORS FOR HYPERSENSITIVE RESPONSE ELICITORS AND TITLE OF INVENTION: USES THERROF FILE REFERENCE: 21829/62 CUGRRENT FILING DATE: 2001-01-6 PRIOR APPLICATION NUMBER: 60/191,649 PRIOR APPLICATION NUMBER: 60/191,649 PRIOR APPLICATION NUMBER: 60/250,710 PRIOR FILING DATE: 2000-03-23 PRIOR FILING DATE: 2000-12-01 RNUMBER OF SEQ ID NOS: 9 SOFTWARE: Patentin Ver. 2.1 LRNGTH: 342 TYPE: DAA ORGANISM: Xanthomonas campestris pv. pelargonii	; O; Gaps	angaactctatcggaaacaactttcgaatafcggcaacctgcagacgafgggcafcggg 	CCTCAGCAACACGAGACTCCAGCAGCAGTCGCCTTTCGGCTGGCT
NSE ELIG	Length 342; Indels	AGACGATA AGACGATA	GCTCCGA GCTCCGA
TB RESPO	9; Len 94; 0; In	PACCTGC	rrcecrie
9-810-997-8 quence 8, Application US/09810997 quence 9, Application US/09810997 weat No. US20020007501A1 west inforwation: PPLICANT: Song xiaoling PPLICANT: Ran, Hao PPLICANT: Wei, Zhong-Min ITLE 0F INVENTION: RECEPTORS FOR HYPERSENSITIVE ITLE 0F INVENTION: USES THEREOF ILE REFERENCE: 21829/62 URENT FILING DATE: 2001-03-16 RIOR APPLICATION NUMBER: 60/191,649 RIOR APPLICATION NUMBER: 60/191,649 RIOR APPLICATION NUMBER: 60/250,710 WHENCE APPLICATION NUMBER: 60/250,710 WHENCE APPLICATION NUMBER: 60/250,710 UNBER OF SEQ ID NOS: 9 OFTWARE: Patentin Ver. 2.1 OID NO 8 LENGTH: 342 TYPE: DNA TYPE: DNA SERVING ANTHOMODIAS CAMPOSELTIS DV. PELATGONII	Score 342; DB 9; Pred. No. 6.9e-94; Mismatches 0;	ATATOGGG	AGTOGCC
997 OR HYPER OF 10,99 6 1,649 0,710	Score 342; Pred. No. 6. 0; Mismatches	CTTTTCGP CTTTTCGP	CAGCCAGO
Sequence 8, Application US/99810997 Batent No. US20020007501A1 GENERAL INFORATION: GENERAL INFORATION: APPLICANT: Song, Xiaoling APPLICANT: Wei, Zhong-Min TITLE OF INVENTION: RECEPTORS FOR HYPERSE TITLE OF INVENTION: USES THEREOF FILE REFERENCE: 21829/62 TURRENT FILING DATE: 2001-03-16 PRIOR APPLICATION NUMBER: 60/191, 649 PRIOR APPLICATION NUMBER: 60/191, 649 PRIOR APPLICATION NUMBER: 60/191, 649 PRIOR FILING DATE: 2000-03-23 PRIOR FILING DATE: 2000-03-23 PRIOR FILING DATE: 2000-13-21 FROW APPLICATION NUMBER: 6/250, 710 PRIOR FILING DATE: 2000-13-21 SEQ ID NO 8 LENGER: Patentin Ver. 2.1 SEQ ID NO 8 LENGER: DATE ORGANISM: Xanthomonas campestris pv. pel	**	GGAAACAA GGAAACAA	GAGGACTO
09-810-997-8 equence 8, Application US/098 equence 8, Application US/098 attent No. US20020007501A1 ENERAL INFORMATION: APPLICANT: Song, Xiaoling APPLICANT: Pan, Hao APPLICANT: Pan, Hao APPLICANT: Wei, Zhong-Min TITLE 0F INVENTION: RECEPTORS TITLE 0F INVENTION: RESETTORS FILE REFERENCE: 21829/62 CURRENT APPLICATION NUMBER: 0/ PRIOR FILING DATE: 2001-03-23 PRIOR PELING DATE: 2000-13-23 PRIOR PELING DATE: 2000-12-01 NUMBER OF SEQ ID NOS: 9 PRIOR FILING DATE: 2000-12-01 NUMBER OF SEQ ID NOS: 9 SOFTWARE: PATCHILING VOICE: 2.1 SQ ID NO 8 LENGRYH: 342 TYPE: DNA ORGANISM: Xanthomonas campes 09-810-997-8	rat	ACTCTATO ACTCTATO	AGCAACAC AGCAACAC
Sequence 8, Applicat Beguence 8, Applicat Patent No. US2002000 Sequence 8, Applicat APPLICANT: Fan, HabellCANT: Fan, HabellCANT: Fan, HabellCANT: Fan, HabellCANT: Fan, HabellCANT: Fills REPERENCE: 218 CORRENT FILING DATE: FRIOR APPLICATION NORTHER OF SEQ 1D NO SOFTWARE: Patentin SEQ 1D NO 8 LENGTH: 342 LE		1 ATGG 1 ATGG	61 CCTC 61 CCTC
US-09-810-997-8 Sequence 8, Ageneric B, Ag	Query Match Best Local Matches 34		
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APPLICANT: Wei, Zhong-Min
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Fatent No. US200200596581
GENERAL INPORMATION:
APPLICANT: Wei, Zhong-Min
APPLICANT: Wei, Zhong-Min
APPLICANT: Wei, Zhong-Min
APPLICANT: DEROcher, Jay
TITIE OF INVENTION: METHODS OF IMPROVING THE EFFECTIVENESS OF TRANSGENIC
TITIE OF INVENTION: PLANTS
FILE REFERENCE: 2.1829/91
CURRENT PALICATION NUMBER: US/09/880,371
CURRENT PALICATION NUMBER: 60/211,585
FRIOR APPLICATION NUMBER: 60/211,585
NUMBER OF SEQ ID NOS: 16
SOFTWARE: Patentin Ver. 2.1
LENGTH: 342
 180
                     240
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              241 ACGCAGATGCTGATGCAGATCGTGATGCAGCTGATGCAGAACCAGGGCGCCCGGCATG 300
                                                                                                                                     241 ACGCAGATGCTGATGCAGATCGTGATGCAGATGCAGAACCAGGGCGCGCCGCATG 300
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 GATCAGTTGCTCGCCATGTTCATCATGATGCTGCAACAGAGCCAGGGCGATGCA
                                                                    AATCAGGAGTGTGGCCAACGAACAACGCAGAACGGTCAACAGGAAGGCCTGAGTCCGTTG
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100.0%; Pred. No. 6.9e-94;
Ative 0; Mismatches 0;
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; ORGANISM: Xanthomonas campestris
US-09-880-371-14
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Best Local Similarity 100.
Matches 342, Conservative
                                                                                                                                                                                                                                                                                      RESULT 2
US-09-880-371-14
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Sequence 15, Application US/0980371 Patent No. US20020059658A1 GENERAL INFORMATION:

US-09-880-371-15

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APPLICANT: DESCRIBED. JULY
TITLE OF INVENTION: METHODS OF IMPROVING THE BFFECTIVENESS OF TRANSGENIC
TITLE OF INVENTION: PLANYS
TITLE OF INVENTION: PLANYS
TITLE OF INVENTION: PLANYS
TITLE OF THE REFERENCE: 21829/91
CURRENT APPLICATION NUMBER: US/09/880,371
CURRENT APPLICATION NUMBER: 60/211,585
PRIOR APPLICATION NUMBER: 60/211,585
PRIOR PILING DATE: 2000-06-15
NUMBER OF SEQ ID NOS: 16
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 15
LENGTH: 342
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Sequence 1, Application US/09829124

Sequence No. US20020066122A1

GENERAL INPORMATION:

APPLICANT: Weal. Zhong Min

APPLICANT: Weal. Swanson, Shane S.

APPLICANT: Fan, Hao

TITLE OF INVENTION: CAMPRETRIS

FILE REFERENCE: 21829/101

CURRENT FILING DATE: 2001-04-09

FRIOR APPLICATION NUMBER: 06/224,053

PRIOR PILING DATE: 1999-10-04

PRIOR APPLICATION NUMBER: 06/103,124

PRIOR PLING DATE: 1999-10-04

PRIOR PLING DATE: 1999-10-05

NUMBER OF SEQ 1D NOS: 6

SOFTWARE: Patentin Ver. 2.1

SEQ 1D NO 1

LENGTH 1342
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100.0%; Score 342; DB 9;
Best Local Similarity 100.0%; Pred. No. 6.9e-94;
Matches 342; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                           7 TYPE: DNA
9 ORGANISM: Nicotiana tabacum
US-09-880-371-15
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JOHNSTON THE PRINCE AND THE PROBLEM TITLE OF INVENTED BY THE PROBLEM TO THE PROBLEM TENDER FOR HYPERSENSITIVE RESPONSE ELICITORS AND THILE OF INVENTION: NUMBER: US/10/174,209

FILE REPERENCE: 21829/211

CURRENT PAPLICATION NUMBER: US/10/174,209

FRICK APPLICATION NUMBER: 2002-06-17

FRICK APPLICATION NUMBER: 09/810,997

FRICK APPLICATION NUMBER: 09/810,997

FRICK PILING DATE: 2001-03-16

NUMBER OF SEQ ID NOS: 86

SOFTWARE: PatentIn Ver. 2.1
241 ACGCAGATGCTGATGCAGATCGTGATGCAGCTGATGCAGAACCAGGGCGCGCCGCCATG 300
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US-09-829-124-6
US-09-829-124-6
Sequence 6, Application US/09829124;
Patent No. US20020066122A1
GENERAL INFORMATION:
APPLICANT: Wei, Zhong-Min
APPLICANT: Swanson, Shane S.
APPLICANT: Fan, Hao
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITOR FROM XANTHOWAS;
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US-10-174-209-38
                                                                                                                                                                                                                                                                                                                                                                         Sequence 38, Application US/10174209
Publication.No. US20030177526A1
GENERAL INFORMATION:
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LENGIH: 342
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US-10-010-390-14

Sequence 14, Application US/10010390

Sequence 14, Application No. US20030104979A1

Sequence 14, Application No. US20030104979A1

GRNERAL INFORMATION:
APPLICANT: Wei, Zhong-Min
APPLICANT: Groin, Enesto
APPLICANT: Criedo, Agustin
TITLE OF INVENTION: METHODS OF INHIBITING DESICCATION OF CUTTINGS REMOVED
TITLE OF INVENTION: METHODS OF INHIBITING DESICCATION OF CUTTINGS REMOVED
TITLE OF INVENTION: WETHODS OF INHIBITING DESICCATION OF CUTTINGS REMOVED
FRICE REPERENCE: 2001-11-05
FRICE APPLICATION NUMBER: 60/248,169
FRICE APPLICATION NUMBER: 60/248,169
FRICE APPLICATION NUMBER: 2000-11-13

NUMBER OF SEQ ID NOS: 14

SOFTWARE: PARENTIN Ver. 2.1

LENGTH: 342
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           Length 342;
   Ouery Match 100.0%; Score 342; DB 9; Length 3 Best Local Similarity 100.0%; Pred. No. 6.9e-94; Matches 342; Conservative 0; Mismatches 0; Indels
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543 chrcerchccchdadcredadccc 566
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    12.6%;
  Query Match
Best Local Similarity 56.2*
Matches 81; Conservative
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108; Conservative
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US-10-425-114-35590
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Best Local (
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US-10-369-493-31605

Sequence 31605, Application US/10369493

Sequence 31605, Application US/10369493

Sequence 31605, Application No. US2003023675A1

GENERAL INFORMATION:

APPLICANT: Gladman, Barry S.

APPLICANT: Slater, Steven C.

APPLICANT: Slater, Steven C.

APPLICANT: Gladman, Barry S.

APPLICANT: Gladman, Barry S.

APPLICANT: Gladman, Plants WiTH IMPROVED PROFERTIES

TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF FILE REPERENCE: 38-10(5.2025)

CURRENT APPLICATION NUMBER: US 60/369,493

CURRENT FILING DATE: 2003-02-28

PRIOR APPLICATION NUMBER: US 60/360,039

PRIOR PELLING DATE: 2002-02-21

NUMBER OF SEQ ID NOS: 47374

LEMOTH. 0.31605
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   53 ATGGACTCTATCGGAAACAACTTTTCGAATATCGGCAACCTGCAGACGATGGCCATCGGG 112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CCTCAGCAACACGAGGACTCCAGCCAGCAGTCGCCTTCGGCTCGGAGCAGCTG 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          173 GATCAGTTGCTCGCCATGTTCATCATGATGCTGCAACAGAGCCAGGGCAGCGATGCA 232
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               241 ACGCAGATGCTGATGCAGATCGTGATGCAGCTGATGCAGAACCAGAGGCGGCGCCGGCATG 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     293 ACGCAGATGCTGATGCAGATCGTGATGCTGATGCAGAACCAGGGCGCGCCCGGCATG 352
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                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 100.0%; Score 342; DB 9; Length 408; Best Local Similarity 100.0%; Pred. No. 7.3e-94; Matches 342; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                            FEATURE: 7 OTHER INFORMATION: Description of Artificial Sequence: US-09-829-124-6
FILLS OF INVENTION: CAMPESTRIS
FILE REFERENCE: 21829/101
CURRENT APPLICATION NUMBER: US/09/829,124
CURRENT FILING DATE: 2001-04-09
PRIOR APPLICATION NUMBER: 60/224,053
PRIOR FILING DATE: 2000-08-09
PRIOR FILING DATE: 1999-10-04
PRIOR FILING DATE: 1999-10-04
PRIOR FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PRECENTIN VET: 2.1
SOFTWARE: PRECENTIN VET: 2.1
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; ORGANISM: Rhodobacter sphaeroides
US-10-369-493-31605
                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
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Sequence 40458, Application US/10369493

Sequence 40458, Application US/10369493

Publication No. US2003023675A1

GENERAL INFORMATION:

APPLICANT: Hinkle, Gregory J.

APPLICANT: Slater: Stewen C.

APPLICANT: Chen, Xianfeng

TITLE OF INVERTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF

TITLE OF INVERTION: PLANTS WITH IMPROVED PROPERTIES

CURRENT FILING DATE: 2003-02-28

PRIOR FILING DATE: 2003-02-28

WUMBER OF SEQ ID NOS: 47374

SRO ID NO 40458

MENOTH: 1053
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                                                                                                                                                                                                                                                    258 GATCGTGATGCAGCTGATGCAGAACCAGGGCGGCGCCGCCATGGGCGGTGGCGGTTCGGT 317
                                                                                                                                                                                                                                                                                     483 GATCGAGCTGCATCCGATGCTGCAGCCGAGCTGCGCGGGGCGCGATGCCGAGCGCGG 542
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Pred. No. 0.052;
0; Mismatches 113; Indels 0;
Score 43.2; DB 16; Length 816;
Pred. No. 0.0059;
0; Mismatches 63; Indels 0
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Publication No. US2004003488A1
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Zhou, Yihua
APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Gabaska, Jack E
APPLICANT: Cao, Yongwei
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; OTHER INFORMATION: n = any nucleotide US-10-260-238-4340
                                                                                                                  Query Match
Best Local Similarity 42.9
Matches 117; Conservative
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           and Other Molecules Associated With
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            947 GTCGGTCGGGGCGCTCCCGGACTGCCTCCGGGACCTGGACCACCTCAAGCTCCTGTACGA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           237 GTTGACGCAGATGCTGATGCAGATCGTGATGCAGCTGATGCAGAACCAGGGCGGCGGCGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Ass
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21 (53313) B
CURRENT APPLICATION VMORER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 35590
LENGTH: 2109
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APPLICANT: Kreps, Joel
APPLICANT: Provart, Nicholas
APPLICANT: Provart, Darrell
APPLICANT: Zhu, Tong
TITLE OF INVENTION: PROMOTERS FOR REGULATION OF PLANT EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 2109;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 11.6%; Score 39.6; DB 13; Best Local Similarity 46.4%; Pred. No. 0.099; Matches 129; Conservative 0; Mismatches 149;
                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Clone ID: UC-ZMROB73061A09_FLI
US-10-425-114-35590
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CURRENT APPLICATION NUMBER: US/10/260,238
CURRENT FILING DATE: 2002-09-26
PRIOR APPLICATION NUMBER: US 60/325,448
PRIOR FILING DATE: 2001-09-26
PRIOR FILING DATE: 2001-09-26
PRIOR FILING DATE: 2001-09-26
PRIOR FILING DATE: 2002-09-6
PRIOR FILING DATE: 2002-04-04
NUMBER OF SEQ ID NOS: 60/7
LENGTH: 1206
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Budworth, Paul R. APPLICANT: Moughamer, Todd G. APPLICANT: Briggs, Steven P. APPLICANT: Cooper, Bret APPLICANT: Glazebrook, Jane APPLICANT: Glazebrook, Jane APPLICANT: Goff, Stephen A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Triticum aestivum
PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: N region
LOCATION: (370)..(395)
                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Zea mays
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     -10-260-238-4340
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Mucleic TITLE OF INVENTION: Acids Encoding the Same
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2930R.CI
CURRENT FILING DATE: 2001-05-25
Prior application data removed - consult PALM or file wrapper NUMBER OF SEQ ID NOS: 38
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     DB 16; Length 1206;
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Score 39; DB 16; Length 12
Pred. No. 0.13;
0; Mismatches 156; Indels
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Pred. No. (
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Publication No. US20030170864A1
GENERAL INFORMATION:
     11.4%;
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48.28;
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Watanabe, Colin K.
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Goddard, Audrey
Gurney, Austin L.
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Roy, Margaret Ann
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Matches 107; Conservative
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US-09-866-034-6
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and Transmembrane Polypeptides and Nucleic
                                           289 GGCGCCGGCATGCGCGGTGGCGGTTCGGTCAACAGCAGCCTG 330
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Roy, Margaret Ann
Stewart, Timothy A.
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Ferrara, Napoleone
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Watanabe, Colin K.
Wood, William I.
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Gao, Wei-Qiang
Goddard, Audrey
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      2100 CAGCTGACCCTGCAGCAGAAGGAGCACGAGCAGAACATGCAGCTGCTCCTGCAGCAGCAGAGT 2159
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CURRENT APPLICATION NUMBER: US/10/211,858
CURRENT APPLICATION NUMBER: US/10/211,858
CURRENT APPLICATION NUMBER: 60/014699
PRIOR FILING DATE: 1996-09-23
PRIOR FILING DATE: 1996-09-23
PRIOR PELING DATE: 1996-09-23
PRIOR PRIOR APPLICATION NUMBER: 60/059121
PRIOR PELING DATE: 1997-07-17
PRIOR FILING DATE: 1997-07-17
PRIOR FILING DATE: 1997-07-19
PRIOR PRIOR APPLICATION NUMBER: 60/062037
PRIOR PRIOR APPLICATION NUMBER: 60/063045
PRIOR PRILING DATE: 1997-10-10
PRIOR APPLICATION NUMBER: 60/063046
PRIOR PILING DATE: 1997-10-24
PRIOR PILING DATE: 1997-10-24
PRIOR PILING DATE: 1997-10-24
PRIOR PILING DATE: 1997-11-24
PRIOR PILING DATE: 1997-11-24
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SEQ ID NO 65
LENGTH: 3121
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Pred: No. 0.34;
0; Mismatches 115; Indels
                                                                                                                            289 GGCGCCGGCATGGGCGGTGCCGTTCGGTCAACAGCAGCCTG 330
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Publication No. US20030211096A1
GENERAL INFORMATION:
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Best Local Similarity 48.2%;
Matches 107; Conservative (
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Godowski, Paul J.
Gurney, Austin L.
Hillan, Kenneth J.
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Roy, Margaret Ann
Smith, Victoria
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APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
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) ORGANISM: Homo sapiens
US-10-211-858-65
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APPLICANT: Watenabe Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same PILE REPREMENTS: P293-0018 Encoding the Same CURRENT APPLICATION NUMBER: US/10/033,301
CURRENT APPLICATION NUMBER: 2001-12-27
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PRIOR APPLICATION NUMBER: 60/095,325
PRIOR PILING DATE: 1998-08-04
PRIOR PILING DATE: 1998-12-16
PRIOR PELICATION NUMBER: 60/113,145
PRIOR APPLICATION NUMBER: 60/113,145
PRIOR APPLICATION NUMBER: 60/113,511
PRIOR APPLICATION NUMBER: 60/113,511
PRIOR PILING DATE: 1998-12-22
PRIOR FILING DATE: 1998-12-22
PRIOR FILING DATE: 1999-01-12
PRIOR FILING DATE: 1999-01-12
PRIOR PILING DATE: 1999-01-12
PRIOR PILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/115,565
PRIOR APPLICATION NUMBER: 60/115,733
PRIOR FILING DATE: 1999-01-12
PRIOR PILING DATE: 1999-01-12
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APPLICATION NUMBER: 60/119,537
FILING DATE: 1999-02-10
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FILING DATE: 1999-02-12
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Publication No. US20020098506A1
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Ferrara, Napoleone
Fong, Sherman
Gao, Wei-Ojang
Goddard, Audrey
Pan, James
Roy, Margaret Ann
PRIOR FILING DATE: 2000-12-01
NUMBER OF SEQ ID NOS: 38
SEQ ID NO 6
LENGTH: 3121
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APPLICANT: Botstein, David
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                                                                                                            ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-246-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    169 GGCAGCGATGCAAATCAGGAGTGTGGCAACGAACAACCGCAGAACGCACAACAGGAAGGC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2160 cándaccaccrodordandederradondachdehededed 2201
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PRIOR FILING DATE: 1999-10-29
PRIOR APPLICATION NUMBER: 60/170,262
PRIOR FILING DATE: 1999-12-09
PRIOR FILING DATE: 1999-12-09
PRIOR FILING DATE: 1909-12-09
PRIOR FILING DATE: 2000-03-03
PRIOR FILING DATE: 1999-6-02
PRIOR PLING DATE: 1999-12-01
PRIOR PLING DATE: 1999-12-02
PRIOR PLING DATE: 2000-02-11
PRIOR PLING DATE: 2000-02-11
PRIOR PLING DATE: 2000-02-11
PRIOR PLING DATE: 2000-02-12
PRIOR PLING DATE: 2000-03-0
PRIOR PLING DATE: 2000-05-0
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Job time : 295 secs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 107; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-10-033-301-6
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Query Match
Best Local Similarity 25.8%; Pred. No. 0.00014;
Matches 40; Conservative 17; Mismatches 54; Indels 4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-891-254-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               8
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Sequence 27, Appli
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Sequence 14,
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584
1 MDSIGNNFSNIGNLQTMGIG......QGGAGMGGGGSVNSSLGGNA 114
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1: /cgn2_6/ptcdata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptcdata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptcdata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptcdata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptcdata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptcdata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-013-587-3
US-09-086-118-23
US-09-431-614-3
US-08-653-648A-14
US-09-030-270A-10
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US-08-084-207-7
US-09-013-587-7
US-09-013-18-27
US-09-086-118-27
US-09-081-614-15
PCT-0856-08119-7
US-08-891-254-3
PCT-US93-06243-2
PCT-US96-08619-3
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US-09-431-614-18
US-09-120-817-2
US-09-431-614-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-200-724A-2
US-09-030-270A-3
US-08-851-376A-2
                                                                                                                                                                                                                                                                                                                                                                                                          389414 seqs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                            - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                     BLOSUM62
Gapop 10.0', Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Issued Patents AA:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Minimum DB seq length: 0
Maximum DB seq length: 200000000
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Match Length DB
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Perfect score:
Sequence:
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                                                                                            OM protein
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                                                                                                                                            Run on:
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No.
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Sequence 2, Appli Sequence 12, Appli Sequence 2, Appli Sequence 6, Appli Sequence 20, Appli Sequence 10, Appli Sequence 11, Appli Sequence 41, Appli Sequence 41, Appli Sequence 42, Appli Sequence 42, Appli Sequence 42, Appli Sequence 2, Appli		
28 88 15.1 2414 1 US-08-227-536-2 30 88 15.1 2414 5 PCT-US55-04662-2 31 84 14.6 477 3 US-09-120-927-2 32 84 14.4 447 3 US-09-120-927-2 33 77 13.2 729 4 US-09-625-186-2 34 75.5 12.9 542 4 US-09-625-186-2 35 74.5 12.9 653 3 US-09-061-764A-2 36 74.5 12.8 663 3 US-09-061-764A-2 37 73 12.5 12.4 3 US-09-061-764A-1 38 73 12.5 12.4 3 US-09-120-738B-41 39 73 12.5 12.4 3 US-08-89-338F-4 41 72.5 12.4 3 US-08-89-338F-4 42 72.5 12.4 3 US-08-89-338F-4 43 72.5 12.4 3 US-08-89-338F-4 44 72.5 12.4 3 US-08-89-338F-4 45 72.5 12.4 3 US-08-89-338F-4 47 72.5 12.4 3 US-08-89-338F-4 48 72.5 12.4 3 US-08-89-338F-4 49 72.5 12.4 283 4 US-09-198-452A-424 41 72.5 12.3 369 2 US-08-991-30-2 45 71.5 12.2 485 2 US-08-991-30-2	ALIGNMENTS	RESULT 1 US-08-891-254-7 US-08-891-254-7 Sequence 7, Application US/08891254 Sequent No. 5776889 GENERAL INFORMATION: APPLICANT: Weel, Zhong-Min APPLICANT: Beer, Steven V. TITLE OF INVENTION: Hypersensitive Response CORRESPENDENCE ADDRESS: ADDRESSEE: Clinton Square, P.O. Box 1051 CITY: Rochester STRATE: Naw YORK CONFUTER: IEM PC compatible OFREATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patent In Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/891,254 FILING DATE: 10-UUL-1997 CLASSIFICATION NUMBER: 30,727 REGISTRATION NUMBER: 30,727 RESPERENCE/DOCKET WINGER: 14603 TELERPHONE: (716) 263-1304 TELERPHONE: (716) 263-1304 TELERPHONE: TELERPHONE: (716) 263-1304 TELERPHONE: TEL

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3 SIGNNFSNIGNLOTM-----GIGPOOMEDSSOOSPSAGSE------OLOQLDO 42
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                                                                                                     43 LLAMPIMAM-----LOOSOGSDANQECG--NEQPQNGQQEGLSPLTQMLMQLWQLMQN- 94
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-UB-B19-539-7

Sequence 7, Application US/08819539

Patent No. 585324

GENERAL INFORMATION:

APPLICANT: Wei, Zhong-Min

APPLICANT: Beer, Steven V.

TITLE OF INVENTION: Hypersensitive Response

TITLE OF INVENTION: Induced Resistance In Plants

NUMBER OF SEQUENCES: 9

CORRESSPONDENCES: 9

CORRESSPONDENCES: 9

CORRESSPONDENCES: 9

COUNTRY: Nochester

STREET: Clinton Square, P.O. Box 1051

CITY: Rochester

STATE: New York

COUNTRY: U.S.A.

ZIP: 14603

COMPUTER: Indepy disk

CONFRATION SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURSENTION NUMBER: US/08/819,539

FILING DATE: 17-MAR-1997

CLASSIPICATION NUMBER: 30,727

REFERENCE DOCKET NUMBER: 30,727

REFERENCE DOCKET NUMBER: 30,727

REFERENCE DOCKET NUMBER: 14603/10050

TELEPHONE: (716) 263-1304

TELERPAL MINION CONTROLED CONTROL
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Best Local Similarity 25.84
Matches 40; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ò
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Release #1.0, Version #1.30
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                                                                  PILLION DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/036,048
FILING DATE: 27-JAN-1997
ATTORNEY/ASTATV INFORMATION:
NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,727
REBERENCE/DOCKET NUMBER: 19603/1501
TELEPHONE: (716) 263-1304
TELEPHONE: (716) 263-1304
TELEPHONE: (716) 263-1304
TELEPHONE: (716) 263-1600
TELEPHONE: (716) 263-1600
TELEPHONE: (716) 263-1600
TYPE: AMANCTERISTICS:
LENGTH: 344 amino acids
TYPE: AMANCGO acid
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,109
FILING DATE: 30-MAY-1997
  OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PAtentin Release #1.0, CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/013,587
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 27, Application US/09086118
Patent No. 6583107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 25.8
Matches 40; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: protein
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US-09-086-118-27
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STATE: NO
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-013-587-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  õ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          44; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
19.0%; Score 111; DB 3; Length 344;
Best Local Similarity 25.8%; Pred. No. 0.00014;
Matches 40; Conservative 17; Mismatches 54; Indels
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Parent No. 6277814
GENERAL INFORMATION:
APPLICANT: 010, Dewen
APPLICANT: Wel, Zhong-Min
APPLICANT: Beer, Steven V.
TITLE OF INVENTION: ENHANCEMENT OF GROWTH IN PLANTS
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
                                                                                                                                                      medium TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
PILING DATE:
CLASCITTORION NUMBER: US/08/984,207
CLASCITTORION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP STREET: Clinton Square, P.O. Box 1051
CITY: Rochester STATE: New York
COUNTRY: U.S.A.
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
CORRESSER: Nixon, Hargrave, Devans & Doyle LLP
STREET: P.O. Box 1051, Clinton Square
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ----- QGGAGMGGGGSVNSSLGGN 113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/033,230
FILING DATE: 05-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,727
REFERENCE/DOCKET NUMBER: 19603/1201
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRI.
21F: 14603
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (716) 263-1304
TELEPAX: (716) 263-1600
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 344 amino acids
TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  , MOLECULE TYPE: protein US-08-984-207-7
                                                                                                                                             ZIP: 14603
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
                                                                                                          New York
: U.S.A.
                                                                STREET: P.O. Bo
CITY: Rochester
                                                                                                        STATE: Ne
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY:
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APPLICANT: Laby, Ronald J.
APPLICANT: Laby, Ronald J.
APPLICANT: Laby, Ronald J.
APPLICANT: Beer, Steven V.
APPLICANT: Wei, Zhong-Min
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITOR
TITLE OF INVENTION: FRAGMENTS ELICITING A HYPERSENSITIVE RESPONSE AND USES
TITLE OF INVENTION: THEREOF
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSES: Nixon, Hargrave, Devans & Doyle LLP
STREET: Clinton Square, P.O. Box 1051
CITY: Rochester
                                                                                                                                                                            58 SAGGNTGNTGNAPAKDGNANAGANDPSKNDPSKSQAPQSANKTGNVDDANNQDPMQALMQ 117
                                                                                                                                                                                                                                                                                                             118 LIEDLVKLLKAALHMQQPGGNDKGNGVGGANGAKGAGGGGGLAEALQEIEQILAQLGGGG 177
                                                                                                                                                                                                                                                   43 LLAMFIMMM-----LQQSQGSDANQECG--NEQPQNGQQEGLSPLTQMLMQIVMQLMQN-
                                                                Gaps
19.0%; Score 111; DB 3; Length 344; 25.8%; Pred. No. 0.00014; ative 17; Mismatches 54; Indels
                                                                                                                           3 SIGNNFSNIGNLQTM-----GIGPQQHEDSSQQSPSAGSE---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTR1.

ZIP: 14603
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
OPERATING SPECHIEN Release #1.0, Version #1.30
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PCT-US96-08819-7

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58 SAGGNITGNITGNAPAKDGNANAGANDPSKNDPSKSQAPQSANKITGNVDDANNQDPMQALMQ 117
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         43 LLAMPIMMM-----LOQSQGSDANQECG--NEQPQNGQQEGLSPLTQMLMQIVMQLMQN- 94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 7
US-09-431-614-15
Sequence 15, Application US/09431614
Sequence 15, Application US/09431614
Fatent No. 6624139
SHERRAL INFORMATION:
APPLICANT: Wei, Zhong-Min
TITLE OF INVENTION: HYPERSENSTITUR RESPONSE ELICITOR-INDUCED STRESS
TITLE OF INVENTION: HYPERSENSTITUR RESPONSE ELICITOR-INDUCED STRESS
TITLE OF INVENTION: RESISTANCE
FILE REFERENCE: 21829/41 (EBC-003)
CURRENT PAPLICATION NUMBER: US/09/431,614
CURRENT PILING DATE: 1999-11-02
SARLIER APPLICATION NUMBER: 60/107,243
SARLIER PILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 18
SOPTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                             44;
                                                                                                                                                                                                                                                                                                                                             ; Score 111; DB 4; Length 344;
; Pred. No. 0.00014;
17; Mismatches 54; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 19.0%; Score 111; DB 4; Length 344;
25.8%; Pred. No. 0.00014;
tive 17; Mismatches 54; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                      3 SIGNNFSNIGNLOTM-----GIGPQQHEDSSQQSPSAGSE-----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3 SIGNNFSNIGNLQTM-----GIGPQQHEDSSQQSPSAGSE----
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        178 AGAGGAGGGVGGAGGADGGSGAGGAGGANGADGGN 212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   95 ------QGGAGMGCGGSVNSSLGGN 113
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                                                                  19603/1301
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US-09-431-614-15
ATTORNEY/AGENT INFORMATION:
NAME: GOLdman, Michael L.
REGISTRATION NUMBER: 30,727.
REFERENCE/DOCKET NUMBER: 1960:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (716) 263-1304
TELEPAK: (716) 263-1600
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 25.8%;
Matches 40; Conservative 1
                                                                                                                                                                                                 : 344 amino acids
amino acid
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Best Local Similarity 25...
Best 40; Conservative
                                                                                                                                                                                                                                                            ) TOPOLOGY: linear
) MOLECULE TYPE: protein
US-09-086-118-27
                                                                                                                                                                                                                                          STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 15
LENGTH: 344
TYPE: PRT
                                                                                                                                                                                              LENGTH:
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RESULT

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118 LLEDLVKILKAALHMOOPGGNDKGNGVGGANGAKGAGGOGGLAEALOEIEQILAQLGGGG 177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3 SIGNNESNIGNLOTM-----GIGPQOHEDSSQOSPSAGSE----
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: COTNELL RESEARCH FOUNDATION, INC.
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE INDUCED
TITLE OF INVENTION: RESISTANCE IN PLANTS
NUMBER OF SEQUENCES: 9
CORRESPONDENCE MORRESPONDENCE NAME: ADDRESSEE: NAME, HARGTAVE, DEVANS & Doyle LLP
STREET: Clinton Square, P.O. Box 1051
                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/08819
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Wei, Zhong-Min
APPLICANT: Wei, Zhong-Min
APPLICANT: Beer, Steven V.
TITLE OF INVENTION: Hypersensitive Response
TITLE OF INVENTION: Induced Resistance in Plants
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSES: Nixon, Hargrave, Devans & Doyle
STREET: Clinton Square, P.O. Box 1051
CITY: Rochester
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           95 ------QGGAGMGGGGGSVNSSLGGN 113
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/475,775
FILING DATE: 07-JUN-1995
ATTORNEY, AGENT INPORMATION:
NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,727
FEDECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
TELEPHONE: (716) 263-1304
                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-891-254-3; Application US/08891254; Sequence 3; Application US/08891254; Patent No. 5776889; GENERAL INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (716) 263-1600
INPORMATION FOR SEQ ID NO: 7
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 344 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             40; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                 Rochester
New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 40; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS
                                                                                                                                                                                                                                                                                               14603
                                                                                                                                                                                                                                                 STATE: Ner
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TELEFAX: (716) 263-1600
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 385 amino acids
                                                                                                                                                                                                                                 LENGTH: 385 amino acids
TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                  ; TOPOLOGY: linear; MOLECULE TYPE: protein US-08-819-539-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5 GNNFSNIGNL---QTMGI-GPQQHBDSSQQSPS-AGSBQQLDQLLAMPIMMMLQQS---Q 56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       19.0%; Score 111; DB 1; Length 385; 31.5%; Pred. No. 0.00016; tive 21; Mismatches 48; Indels
                                                ZIP: 14603
COMPUTER READABLE FORM:
MEDIUM TYPE: PLOPDY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
APPLICATION NUMBER: US/08/819,539
FILING DATE: 17-MAR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Wei, Zhong-Min
APPLICANT: Wei, Zhong-Min
APPLICANT: Wei, Zhong-Min
APPLICANT: Wei, Zhong-Min
TITLE OF INVENTION: Hypersensitive Response
TITLE OF INVENTION: Induced Resistance In Plants
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: ALDRESS:
ATREET: Clinton Square, Devans & Doyle
STREET: Clinton Square, P.O. Box 1051
                                                                                                                                                                                                                                                                                RAME: GOLDMAN, MICHAEL L.
REGISTRATION NUMBER: 30,727
REFRENCE/DOCKET NUMBER: 14603/10050
TELEROMINICATION INFORMATION:
TELERHOME: (716) 263-1304
TELERHOM: (716) 263-1504
INFORMATION FOR SEQ ID NO: 3: SEQUENCE CRRACTERISTICS:
LENGTH: 385 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 3, Application US/08819539
Patent No. 5859324
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 31.55
Matches 39; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: Clinton S
CITY: Rochester
STATE: New York
COUNTRY: U.S.A.
New York
: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       111 GGNA 114
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS
                                 14603
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US-08-819-539-3
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PRICE APPLICATION NOTE:
PRICE APPLICATION NOTE:
PRICE APPLICATION NOTE:
PLICATION NOTE:
PLICAT
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57 GSDANQ--ECGNEOPONGOO----EGLSPLTOMIMOIVMOIMONGGGGGGGGGGGGGGSVNSSL 110
118 GNNTTSTTNSPLDQALGINSTSQNDDSTSGTDSTSDSSDPMQQLLKMPSEIM--QSLPGD 175
                                                                                      IN PLANTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 31.5%; Pred. No. 0.00017;
Matches 39; Conservative 21; Mismatches 48; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: 710ppy disk
COMPUTER: 12 PP COMPATIBLE
COMPUTER: 12 PP COMPATIBLE
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/200,724A
FILING DATE: 23-FBB-1994
CLASSIFICATION: 530
ATTORNEY AGENT INPORMATION:
NAMB: Goldman, Michael 1.
REGISTRATION NUMBER: 30,72
REFERENCE/DOCKET NUMBER: 30,72
REFERENCE/DOCKET NUMBER: 19603/10030
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Hargrave, Devans & Doyle
                                                                                                                                                                                                                                                                                                                                               Sequence 2, Application US/08200724A
Patent No. 5849868
GENERAL INFORMATION:
APPLICANT: Wei, Zhong-Min
APPLICANT: Bauer, David W.
APPLICANT: Beer, Steven V.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (716) 263-1304
TELEPAX: (716) 263-1304
TELEPAX: (716) 263-1600
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Beer, Steven V.
APPLICANT: Collmer, Alan
APPLICANT: He, Sheng-Yang
APPLICANT: Laby, Ron J.
TITLE OF INVENTION: ELICITO
TITLE OF INVENTION: IN PLAN
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSES: Nixon, Hargrave
STREET: Clinton Square
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      : 403 amino acids
amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
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TOPOLOGY: lin
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                                                                                                                                                                                                                                                                                                  5 GNNFSNIGNL---QTMGI-GPQQHEDSSQQSPS-AGSBQQLDQLLAMFIMMNLQQS---Q 56
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                                                                                                                                                                                                                                                48; Indels 16;
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19.0%; Score 111; DB 5; Length 385;
Best Local Similarity 31.5%; Pred. No. 0.00016;
Matches 39; Conservative 21; Mismatches 48; Indels
                                                                                                                                                                                        ch 19.0%; Score 111; DB 5; Length 385; 1 Similarity 31.5%; Pred. No. 0.00016; 39; Conservative 21; Mismatches 48; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 3, Application PC/TUS9608819
GENERAL INFORMATION:
APPLICANT: Cornell Research Foundation, Inc.
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE INDUCED
TITLE OF INVENTION: RESISTANCE IN PLANTS
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 114603

ZIP: 14603

MEDIUM TYPEM FORM:
MEDIUM TYPEM FLOPOPY disk
COMPUTER: PLOPEY disk
COMPUTER: PROPEM PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
GOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/08819
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP STREET: Clinton Square, P.O. Box 1051
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CCASSIPECATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/475,775
FILING DATE: 07-004-1995
ATTORNEY AGENT INFORMATION:
NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,727
REFERENCE/DOCKET NUMBER: 19603/1005
TELEFAK: (716) 263-1304
TELEFAK: (718) 263-1304
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TYPE: amino acid
STRANDEDNESS:
        LENGTH: 385 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                                            ; TOPOLOGY: linear;
; MOLECULE TYPE: peptide
PCT-US93-06243-2
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Best Local Similarity
Matches 39; Conserv
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CITY: Rochester
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 111 GGNA 114
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57 GSDANQ--ECGNEOPONGOO----EGLSPLTOMIMOIVMOLMONGGGAGMGGGGSVNSSL 110
5 GNNPSNIGNL---QTMGI-GPQQHEDSSQQSPS-AGSEQQLDQLLAMFIMMMLQQS----Q
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US-08-851-376A-2
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19.0%; Score 111; DB 2; Length 403;
Best Local Similarity 31.5%; Pred. No. 0.00017;
Matches 39; Conservative 21; Mismatches 48; Indels
                                                                                                    GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Zitter, Thomas A.
APPLICANT: Wel, Zhong-Min
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITOR
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSES:
ADSTRUCT:
COUNTY:
COUNTY:
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Sequence 2, Application US/08851376A

Patent No. 617417

PREMIAL INFORMATION:
APPLICANT: Beer, Steven V.
APPLICANT: Rei, Zhong-Min
APPLICANT: Bauer, David W.
APPLICANT: Collmer, Alan
APPLICANT: Collmer, Alan
APPLICANT: He, Sheng-Yang
                              Sequence 3, Application US/09030270A Patent No. 5977060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: protein US-09-030-270A-3
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236 DGSS 239
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US-09-030-270A-3
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TITIEG OF INVENTION: ELLICOR OF THE HTPERSENGITIVE RESPONSE
TITIEG OF INVENTION: IN PLANTS
NUMBER OF SUGURCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSES: NIXON Peabody LLP
STREET: Clinton Square, P.O. Box 1051
CITY: No. ADDRESSES: P.C. Box 1051
CONDUTER: NIXON PEABODY LLP
STREET: Clinton Square, P.O. Box 1051
CITY: No. ADDRESSES: P.C. Box 1051
CONDUTER: NIXON BORNESS: D.C. Box 1051
CONDUTER: NIXON BORNESS: D.C. Box 1051
CONDUTER: NIXON BORNESS: D.C. Box 1051
CONDUTER: STREET: COUNTY NIXON BORNESS: D.C. Box 1051
CONDUTER: STREET: D.C.
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RESULT 2
US-09-252-991A-11254/c
US-09-252-991A-11254, Application US/09252991A
; Sequence 11254, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.

APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: ARRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 107196_136

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT FILING DATE: 1999-02-18

PRIOR PILING DATE: 1999-02-18

PRIOR FILING DATE: 1999-02-18

PRIOR FILING DATE: 1999-07-27

NUMBER: US 60/094,190

RIOR FILING DATE: 1998-07-27

NUMBER: OF SEQ ID NOS: 33142

SEQ ID NO 10997
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8982, Ap
8875, Ap
9193, Ap
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3, Appli
67, Appl
69, Appl
15639, A
2958, A
3146, Ap
3050, Ap
151, App
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Pred. No. 0.052;
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US-09-252-991A-2825
US-09-252-991A-3050
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Patent No. 6551795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-10997
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il Similarity 49.3%;
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Sequence 8, Appli
Sequence 16, Appli
Sequence 16, Appli
Sequence 11839, A
Sequence 11, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 2, Appli
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Sequence 1132, Ap
Sequence 5, Appli
Sequence 5, Appli
Sequence 9195, Ap
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1 atggactctatcggaaacaa......gcagcctgggcgacgcc 342
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6: /cgm2 6/ptodata/2/ina/6B COMB.seq:*
                                 GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-08-819-259-8
US-09-030-270h-8
US-09-013-587-8
US-09-013-587-8
US-09-431-614-16
PCT-USS-0-8819-8
US-09-252-91h-11547
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US-09-252-991A-11160
US-09-252-991A-11093
US-09-252-991A-9940
US-09-252-991A-10137
US-09-252-991A-11436
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US-09-103-840A-1

US-09-25-991A-3156

US-08-998-416-1132

US-08-998-416-1135-5

US-09-819-964-5

US-09-819-964-5

US-09-819-964-5
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 1.0
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Maximum DB seq length: 2000000000
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Sequence 9940, Application US/0925291A

Betent No. 6551795

GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPBUTICS
FILE REPERRNCE: 107196.136
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,789
PRIOR APPLICATION NUMBER: US 60/074,780
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR APPLICATION NUMBER: US 60/094,190
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APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield and AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: NUCLEIC ACID AND THERAPEUTICS
FILE REPRENCE: 107196.136
CURRENT APPLICATION NUMBER: 1099-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,190
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR PILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 11093
LENGTH: 1557
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; Sequence 11093, Application US/09252991A
; Patent No. 6551795
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Patent No. 6551795

GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.

APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT APPLICATION NUMBER: US 60/074,788

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-02-18

PRIOR FILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142
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FILE REFERENCE: 107196.136

CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT PILING DATE: 1999-02-18

PRIOR PILING DATE: 1998-02-18

PRIOR PILING DATE: 1998-02-18

PRIOR APPLICATION NUMBER: US 60/094,190

PRIOR PILING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

LENGTH: 1254
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Pred. No. 0.07;
0; Mismatches 109; Indels
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Pred. No. 0.071;
0; Mismatches 147; Indels
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US-09-252-991A-11160
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Best Local Similarity 49.3%;
Matches 106; Conservative
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Best Local Similarity 46.5%;
Matches 128; Conservative
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Sequence 11436, Application US/09252991A

Sequence 11436, Application US/09252991A

Sequence 11436, Application US/09252991A

FREAT INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: AERUGANOSA FOR DAND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

TITLE OF INVENTION: AERUGANOSA FOR DIAGNOSTICS AND THERAPEUTICS

FILE REPERRICE: 107196.136

CURRENT FILING DATE: 1999-02-18

FRIOR PPLICATION NUMBER: US 60/074,788

FRIOR FILING DATE: 1998-02-18

FRIOR PLING DATE: 1998-07-27

NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 11436

LENGTI: 333
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                                                                                                                                                         212 ACGGTCAACAGGAAGGCCTGAGTCCGTTGACGCAGATGCTGATGCAGATCGTGATGCAGC 271
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Patent No. 577689
GENERAL INFORMATION:
APPLICANT: Wei, Zhong-Min
APPLICANT: Beer, Steven V.
ITILE OF INVENTION: Hypersensitive Response
TITLE OF INVENTION: Induced Resistance In Plants
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ch 11.2%; Score 38.2; DB 4; 11.2%; Pred. No. 0.17; 88; Conservative 0; Mismatches 83;
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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US-09-252-991A-11436
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CITY: Rochester
STATE: New York
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GENERAL INFORMATION:
APPLICANT: Warc J. Rubenfield et al.
APPLICANT: Warc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TITLE OF INVENTION: ABENGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1999-02-18
PRIOR FILING DATE: 1999-02-18
PRIOR FILING DATE: 1999-07-27
NUMBER: OS 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER: OS 60/094,190
PRIOR FILING DATE: 1998-07-27
SEQ ID NO 10137
LENGTH: 1023
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11.3%; Score 38.6; DB 4; Length 1023;
Best Local Similarity 45.5%; Pred. No. 0.19;
Matches 137; Conservative 0; Mismatches 164; Indels 0.
                                                                                                                                                                                                                                                    Query Match
11.3%; Score 38.6; DB 4; Length 933;
Best Local Similarity 45.5%; Pred. No. 0.19;
Matches 137; Conservative 0; Mismatches 164; Indels
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Patent No. 6551795
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; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-10137
                                                                                                   TYPE: DNA
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-9940
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                        SEQ ID NO 9940
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linear
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA: US/08/819,539
PILING DATE: 17-MRR-1997
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/475,775
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence B, Application US/08819539;
Patent No. 585924
GENERAL INFORMATION:
APPLICANT: Wei, Zhong-Min
APPLICANT: Wei, Zhong-Min
APPLICANT: Ber, Steven V.
TITLE OF INVENTION: Hypersensitive Response
TITLE OF INVENTION: Induced Resistance In Plants
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon, Hargrave, Devans & Doyle
STREET: Clinton Square, P.O. Box 1051
CITY: Rochester
STRIET: Clinton Square, P.O. Box 1051
CITY: Nechester
STATE: New York
COUNTRY: U.S.A.
SOFTWARE: Patent in Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/891,254
FILING DATE: 10-JUL-1997
CLASSIPTCATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/475,775
                                                                                                                                                              FILING DATE:
ATTORNEY FAGENT INFORMATION:
NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,727
REPERENCE/DOCKET NUMBER: 14603/10050
TELECHONE: (716) 263-1304
TELEPHONE: (716) 263-1600
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
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NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,727
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         , MOLECULE TYPE: DNA (genomic)
US-08-891-254-8
                                                                                                                                                                                                                                                                                                                                                                                                       LENGIH: 1035 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
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US-08-819-539-8
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211 AACGGTCAACAGGAAGGCCTGAGTCCGTTGACGCAGATGCTGATGCAGATCGTGATGCAG 270
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Best Local Similarity 55.3%; Pred. No. 0.36;
Matches 73; Conservative 0; Mismatches 59; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 8, Application US/09030270A
; Sequence 8, Application US/09030270A
; Patent No. 5977060
; GENERAL INFORMATION:
APPLICANT: Zitter, Thomas A.
APPLICANT: Wei, Zhong-Min
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITOR
NUMBER OF SEQUENCES:
CORRESPONDENCE 3.
ADDRESSER: Nixon, Hargrave, Devans & Doyle ELP
STREET: P.O. Box 1051, Clinton Square
CITY: Rochester
STATE: New York
COUNTY: US.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Goldman, Michael L.
REGISTATION NUMBER: 30,73,1521
REPERENCE, DOCKET NUMBER: 19603/1521
TELECOMUNICATION INFORMATION:
TELEPRANE: (716) 263-1304
TELEPAX: (716) 263-1304
INFORMATION FOR SEQ ID NO: 8:
REFERENCE/DOCKET NUMBER: 146
TELEPOMDIALCATION INFORMATION:
TELEPHONE: (716) 263-1304
TELEPHONE: (716) 263-1600
INPORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 1035 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA (genomic)
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US-08-819-539-8
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                                                                                                single
                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: sing
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271 CTGATGCAGAACCAGGCGCGCCGCCATGGGCGGTGCCGGTTCGGTCAACAGCAGCCTG 330
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Sequence 8, Application US/09013587

Sequence 8, Application US/09013587

Sequence 8, Application US/09013587

Sequence 9, Application US/09013587

APPLICANT: Qiu, Dewen

APPLICANT: Qiu, Dewen

APPLICANT: Ber, Zhong-Min

APPLICANT: Ber, Zhong-Min

APPLICANT: Ber, Steven V.

TITLE OF INVENTION: ENHANCEMENT OF GROWTH IN PLANTS

NUMBER OF SEQUENCES:

ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP

STREET: Clinton Square, P.O. Box 1051
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 14603

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/013,587
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11.0%; Score 37.6; DB 3;
Best Local Similarity 55.3%; Pred. No. 0.36;
Matches 73; Conservative 0; Mismatches 59;
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CLASSIFICATION:
PRIOR APPLICATION DATE:
APPLICATION NUMBER: US 60/036,048
FILING DATE: 27-JAN-1997
ATTONNEY, AGBNT INPORMATION:
NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,727
REFERENCE/DOCKET NUMBER: 19603/1501
TELECOMUNICATION INPORMATION:
TELECOMUNICATION INPORMATION:
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MOLECULE TYPE: DNA (genomic)
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INFORMATION FOR SEQ ID NO: 8: SEQUENCE CHARACTERISTICS:
LENGTH: 1035 base pairs
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STATE: New York
COUNTRY: U.S.A.
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US-09-086-118-28
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                                                                                                                                               211 AACGGTCAACAGGAAGGCCTGAGTCCGTTGACGCAGATGCTGATGCAGATCGTGATGCAG 270
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                                             Query Match
11.0%; Score 37.6; DB 2; Length 1035;
Best Local Similarity 55.3%; Pred. No. 0.36;
Matches 73; Conservative 0; Mismatches 59; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Qiu, Dewen
APPLICANT: Wei, Zhong-Min
APPLICANT: Ber: Steven V.
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE INDUCED
TITLE OF INVENTION: RESISTANCE IN PLANTS BY SEED TREATMENT
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
STREET: P.O. Box 1051, Clinton Square
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/984,207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/033,230
FILING DATE: 05-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,727
REFERENCE/DOCKET NUMBER: 19603/1201
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 8, Application US/08984207
Patent No. 6235974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-
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; MOLECULE TYPE: DNA (genomic)
US-08-984-207-8
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TELEPAX: (716) 263-1600
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: New York
COUNTRY: U.S.A.
ZIP: 1460A
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
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CLASSIFICATION:
  US-09-030-270A-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     JS-08-984-207-8
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CURRENT FILING DATE: 1999-11-02
BARLIER APPLICATION WUMBER: 60/107,243
BARLIER FILING DATE: 1998-11-05
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 16
LENGTH: 1035
                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Pseudomonas solanacearum
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TELBFAX: (716) 263-1304
INPORMATION FOR SEQ ID NO: 8
SEQUENCE CHARACTERISTICS:
TUBENGTH: 1035 backstord
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CLASSIFICATION:
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CT-US96-08819-8
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                                                                   GENERAL INFORMATION:
APPLICANT: Laby, Ronald J.
APPLICANT: Beer, Steven V.
APPLICANT: Wei, Zhong-Marian V.
APPLICANT: Wei, Zhong-Marian V.
APPLICANT: Wei, Zhong-Marian V.
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE AND USES
TITLE OF INVENTION: THEREOF
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
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Patent No. 6624139
GENERAL INFORMATION
APPLICANT: Wei, Zhong-Min
APPLICANT: Schading, Richard L.
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITOR-INDUCED STRESS
FILLS OF INVENTION: RESIGNANCE
FILE REPERENCE: 21829/41 (BEC-003)
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11.0%; Score 37.6; DB 4; Length 1035;
Best Local Similarity 55.3%; Pred. No. 0.36;
Matches 73; Conservative 0; Mismatches 59; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 1463
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/086,118
                                                                                                                                                                                                                                                                                                                                                                                                                    E: Nixon, Hargrave, Devans & Doyle LLP
Clinton Square, P.O. Box 1051
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,109
FILING DATE: 30-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: GOldman, Michael L.
REGISTRATION NUMBER: 30,727
REFERENCE/DOCKET NUMBER: 19603/1301
TELECOMMUNICATION INFORMATION:
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               Sequence 28, Application US/09086118
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MOLECULE TYPE: DNA (genomic)
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TELEPAX: (716) 263-1600
INFORMATION FOR SEQ ID NO: 28
SEQUENCE CHARACTERISTICS:
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STRANDEDNESS: single
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: U.S.A.
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STREET: C1
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US-09-431-614-16
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ch 11.0%; Score 37.6; DB 4; Length 1035; 1 Similarity 55.3%; Pred. No. 0.36; 73; Conservative 0; Mismatches 59; Indels 0.
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STATE: New York
COUNTRY: U.S.A.
ZIP: 14603
COMPUTER READABLE FORM:
MEDLUM TYPE: Ploppy disk
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/08819
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Cornell Research Foundation, Inc.
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE INDUCED
TITLE OF INVENTION: RESISTANCE IN PLANTS
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon, Hargrave, Devans & Doyle Lip
STREET: Clinton Square, P.O. Box 1051
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APPLICATION NUMBER: US 08/475,775
FILING DATE: 07.-UNN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,727
REPERANTON NUMBER: 19603/10051
TELECOMUNICATION INFORMATION:
TELEPHONE: (716) 263-1304
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Best Local Similarity
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                     CAG 270
0; Gaps
Matches 73; Conservative 0; Mismatches 59; Indels
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ОЪ	712 Accaracaccagacaccicaccacatacracaracaracataataataataatacata 771	1,
δ	271 CTGATGCAGAACCAGGCGGCGGCGGCATGGGCGGTGGCGGTTCGGTCACAGCAGCCTG 330	30
qq	772 CTGGTGCAGATGCAGCAAGGCGGCCTCGGCGGCGACCAGGGCGCAGGGCGCTCG 831	31
È	331 GGCGGCAACGCC 342	
qq	832 AAGGGTGCCGGC 843	

Search completed: June 23, 2004, 11:52:06 Job time : 68 secs